

75710-2

4/23/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

APR 23 2014

David VanderDussen
NOD Apiary Products USA, Inc.
8345 NW 66th St., #8418
Miami, FL 33166

Subject: Label Amendment to add a general description section in the directions for use, add directions for a half dose option, lower the upper temperature constraint for the day of application, remove the respirator requirement language, remove the agricultural-use requirements box, revise the storage and disposal statement, and make other minor labeling language revisions.
Mite-Away Quick Strips
EPA Reg. No.: 75710-2
Your submission dated November 28, 2013
Decision Number: 486936

Dear Mr. VanderDussen:

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(5), is acceptable provided that you:

- 1) Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Should you have any questions, you may contact Mr. Colin Walsh directly at (703) 308-0298 or via email at walsh.colin@epa.gov.

Sincerely,

Linda A. Hollis, Chief

CONCURRENT AGENCIES Biological Pesticides Branch

SYMBOL	7511P	7511P					
SURNAME	Walsh	Ruby					
DATE	4/22/14	4/22/14					

Biopesticides and Pollution
Prevention Division (7511P)

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Mite-Away Quick Strips™

For Treatment of Honey Bees Infested with Varroa Mites

Active Ingredient

Formic Acid (including formates)....	46.7%
<u>Other Ingredients.....</u>	<u>53.3%</u>
Total.....	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER-POISON
CORROSIVE TO SKIN AND EYES



PELIGRO-Si usted no entiende la etiqueta,
busque a alguien para que se la explique a usted en detalle.

SEE SIDE PANEL FOR FIRST AID AND PRECAUTIONARY STATEMENTS

EPA Reg. No. 75710-2

ACCEPTED
APR 23 2014

EPA Establishment Number: 075710-CAN-001

Best Before Date: XXX (12 months+)

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. **75710-2**

Batch Code: XXXXX

NOD Apiary Products USA Inc.
P.O. Box 117, 2325 Frankford Rd,
Frankford, Ontario, Canada K0K 2C0
www.nodglobal.com

Product Information Telephone: (866) 483-2929 Product of Canada

Net Contents:

2 Doses (4 strips) or 10 Doses (20 strips) or 25 Doses (50 strips) or 36 Doses (72 strips)

Mite-Away Quick Strips™ requires a single application of two strips as a full dose to reduce the number of varroa mites for one season, or a single strip (half dose) to reduce the number of varroa mites for up to 6 weeks.

Precautionary Statements

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FIRST AID STATEMENT	
If inhaled	<ul style="list-style-type: none">•Move person to fresh air.•If a person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.•Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">•Take off contaminated clothing•Rinse skin immediately with plenty of water for 15-20 minutes.•Call a poison control center or doctor for treatment advice
If in eyes	<ul style="list-style-type: none">•Hold eye open and rinse slowly and gently with water for 15-20 minutes.•Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.•Call a poison control center or doctor for treatment advice
If swallowed	<ul style="list-style-type: none">•Call a poison control center or doctor for further treatment advice.•Have a person sip a glass of water if able to swallow.•Do not induce vomiting unless told to do so by the poison control center or doctor.•Do not give anything to an unconscious person
Poison Control Center HOT LINE NUMBER 1-800-222-1222	
Have the product container with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

DANGER – PELIGRO

Corrosive. Causes skin burns and irreversible eye damage. Harmful if swallowed. Harmful if absorbed through the skin. Do not get in eyes, on skin, or on clothing. Harmful if inhaled. Avoid breathing vapour. Applicators and other handlers must wear coveralls over a long-sleeved shirt, long pants, socks and shoes, acid resistant gloves (PVC, neoprene, or nitrile), and protective eyewear. Remove and wash contaminated clothing before reuse. Wash skin thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

For terrestrial use: Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of used container, wash water or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Corrosive – Do not allow product to contact metal surfaces. Do not place, even briefly, on metallic hive covers. Store unused product in original container.

Handler Personal Protective Equipment (PPE): Applicators and other handlers must wear coveralls over a long-sleeved shirt, long pants, socks and shoes, acid resistant gloves (PVC, neoprene, or nitrile), and protective eyewear. Clean or replace PPE at end of each day's work period. Rinse off pesticides at rest breaks. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should remove Personal Protective Equipment/clothing immediately if pesticide gets inside. Wash thoroughly and put on clean clothing. Replace chemical gloves if punctured or stretched.

Have water readily available should skin or eye contact occur.

Only use outdoors, stand upwind of product. Use caution when opening the container, especially in warm weather.

DIRECTIONS FOR USE - Mite-Away Quick Strips™

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

General Information

The varroa mites reproduce and feed on the pupating honeybee larvae developing under the brood caps, transmitting viruses that cause deformities and weakens the bees, leading to colony collapse. *Mite Away Quick Strips®* kills both male and female varroa under the brood cap as well as the varroa on the adult bees. If the male mites are killed before reaching sexual maturity surviving sister offspring will be infertile. *Mite Away Quick Strips®* treats varroa as a brood disease. The treatment period is 7 days.

Mite Away Quick Strips® is a whitish-to-caramel coloured flat rectangular saccharide gel strip in a laminated paper wrap formulation of formic acid, a biopesticide active ingredient that is a component of honey. Appearance and texture of the strips may vary. Two treatment options are available.

Option 1: Full dose (1 sachet, 2 strips). A full dose can be used any time of year when the conditions herein are met. It is very important to protect the bees that will make up the winter cluster, so a full dose treatment applied late summer, while a honey super is still on, is highly recommended.

Use *Mite Away Quick Strips®* as part of an Integrated Pest Management (IPM) program. Treat only if treatment thresholds are reached. *Mite Away Quick Strips®* are designed for use with standard Langstroth equipment or equivalent (e.g. Dadant), single or double brood-chamber hives, colony cluster covering a minimum of 6 frames (approximately 10,000 bees). Colonies should have good food reserves at start of treatment, and should not be fed during the treatment period.

The treatment period is 7 days, treatment ends at day 7. Outside daytime temperature highs should be between 50 – 85°F on day of application. Hot temperatures (>92°F) during the first three days may cause excessive brood mortality and queen loss. Some brood mortality and bee mortality may be observed. Do not destroy queen cells that may be observed prior to or post treatment. Supersedure, even if thought to be set in motion by treatment, is a natural process, and should be allowed to proceed for the health of the colony. Verify queen right one month after spring or early summer treatments. Mother and daughter queens present post-treatment is not uncommon.

APPLICATION: Disturb colony activity as little as possible during the application process. Colonies require adequate access to fresh air during treatment. An entrance must be provided that is the full width of the hive, typically the bottom board entrance, minimum height 0.5 inches. The bottom hive entrance needs to be fully open for the entire duration of treatment. Any restriction on the hive entrance (reducer or mouse guard) must be removed to prevent excessive damage to the colonies. Carefully remove the 2 *Mite Away Quick Strips®* from the sachet by cutting across one end, then lifting the seal so the plastic comes away from the strips. Then cut along the seal line the length of the sachet. Carefully separate the strips, taking care to leave the paper wraps on. For hives with single brood chambers lay the strips across the top bars of the frames of the brood chambers, staggering them so they lay flat and across the full width of the hive body, with approximately 2 inches between strips and 4 inches between the ends of the brood chamber and the outer edges of the strips. For hives with two brood chambers place the strips, as described above, on the frame top bars of the lower hive body, so the strips are in-between the brood chambers. Colonies are expected to expand the cluster as part of controlling vapour concentration during the first 3 days of treatment, bearding behaviour may be observed. Put on a honey super if required to provide adequate space for strong colonies to expand or if a honey flow is expected. It is acceptable to have queen excluders in place. Do not disturb the colony for 7 days. Spent strips need not be removed after treatment. If they are removed, dispose of by composting.

Treat all colonies in the apiary at the same time. Allow a minimum of one month between applications.

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Option 2: Half dose (1 strip). Apply a single *Mite Away Quick Strip*® every two to six weeks throughout the beekeeping season, following the same hive configurations, food reserves, temperature, and handling constraints as set out in Option 1.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store indoors, in original container, out of direct sunlight, in a cool (under 77°F), dry, and well-ventilated area away from sulphuric acid, oxidizing agents, and sources of ignition and away from the reach of children. Avoid heat, sparks, and open flames. Do not eat, drink or smoke in areas of use or storage. Use caution when opening the container, especially in warm weather, i.e.: open outdoors and stay upwind. Keep separate to prevent cross-contamination of other pesticides, fertilizer, food, or feed.

FOR DISPOSAL OF UNUSED, UNWANTED, OR DAMAGED PRODUCT: CONTACT THE MANUFACTURER or the National Pesticide Information Center at 800-858-7378 (www.npic.orst.edu).

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or (800-858-7378/www.npic.orst.edu) for disposal instructions.

PLASTIC BAG (OUTER WRAP) DISPOSAL: Rinse or air dry empty outer pouch, wearing PPE, and then dispose in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Warranty Statement:

To the extent consistent with applicable law, the pesticide manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

